

# 裝修空間構件計算詳細列式查核

[樓層]: 3F [空間名稱]: F303 儲藏室 : P001-1 [B:22,Y1:232]

## 地坪計算:

地坪材料:(1) 地坪 F1 地坪 整體粉光

主尺寸:

[空間點面積計算式(調整為相對位置點座標後):(((0.00\*81.00)-(0.00\*0.00))+((0.00\*81.00)-(30.00\*81.00)))+((30.00\*128.50)-(30.00\*81.00))+((30.00\*284.74)-(443.65\*128.50))+((443.65\*256.07)-(443.65\*284.74))+((443.65\*256.07)-(473.65\*256.07))+((473.65\*-102.14)-(473.65\*256.07))+((473.65\*-102.14)-(443.65\*-102.14))+((443.65\*-132.18)-(443.65\*-102.14))+((443.65\*-132.18)-(252.00\*-132.18))+((252.00\*0.00)-(252.00\*-132.18))+((252.00\*0.00)-(0.00\*0.00)))/2/10000=]12.40 = 12.400 m2

以上小計: +12.40 = 12.40 m2

地坪材料:(2) 地坪 F3 地坪 舖40\*40cm止滑磚

主尺寸:

[空間點面積計算式(調整為相對位置點座標後):(((0.00\*81.00)-(0.00\*0.00))+((0.00\*81.00)-(30.00\*81.00)))+((30.00\*128.50)-(30.00\*81.00))+((30.00\*284.74)-(443.65\*128.50))+((443.65\*256.07)-(443.65\*284.74))+((443.65\*256.07)-(473.65\*256.07))+((473.65\*-102.14)-(473.65\*256.07))+((473.65\*-102.14)-(443.65\*-102.14))+((443.65\*-132.18)-(443.65\*-102.14))+((443.65\*-132.18)-(252.00\*-132.18))+((252.00\*0.00)-(252.00\*-132.18))+((252.00\*0.00)-(0.00\*0.00)))/2/10000=]12.40 = 12.400 m2

以上小計: +12.40 = 12.40 m2

## 平頂計算:

平頂材料:(1) 平頂 C1 平頂清水模磨平批土+防霉水性水泥漆 =>(裝修範圍:僅計平頂)

主尺寸(平面投影面積):

[空間點面積計算式(調整為相對位置點座標後):(((0.00\*81.00)-(0.00\*0.00))+((0.00\*81.00)-(30.00\*81.00)))+((30.00\*128.50)-(30.00\*81.00))+((30.00\*284.74)-(443.65\*128.50))+((443.65\*256.07)-(443.65\*284.74))+((443.65\*256.07)-(473.65\*256.07))+((473.65\*-102.14)-(473.65\*256.07))+((473.65\*-102.14)-(443.65\*-102.14))+((443.65\*-132.18)-(443.65\*-102.14))+((443.65\*-132.18)-(252.00\*-132.18))+((252.00\*0.00)-(252.00\*-132.18))+((252.00\*0.00)-(0.00\*0.00)))/2/10000=]12.40 = 12.400 m2

邊樑計入牆面:邊樑底(扣):

-[G1]0.81\*0.10-[B1]4.40\*0.10-[G2]0.00\*0.00-[G2]3.58\*0.30-[B6]1.92\*0.10 = -1.787 m2

以上小計: +12.40-1.79 = 10.61 m2

平頂材料:(2) 平頂 C2 平頂樑柱1:3水泥粉光+防霉水性水泥漆 =>(裝修範圍:僅計過樑+邊樑)

邊樑計入平頂:邊樑側與底(加):

+ [G1]0.81\*(0.60-0.12)\*1+[G1]0.81\*0.10+[B1]4.40\*(0.60-0.12)\*1+[B1]4.40\*0.10+[G2]0.00\*(0.60-0.12)\*1+[G2]0.00\*0.00+[G2]3.58\*(0.60-0.12)\*1+[G2]3.58\*0.30+[B6]1.92\*(0.60-0.12)\*1+[B6]1.92\*0.10 = 6.928 m2

過樑+邊樑,側與底合計(邊樑計入平頂): 6.928

以上小計: +6.93 = 6.93 m2

## 牆面計算:

牆面材料:(1) 牆面 W1 牆面 內牆1:3水泥粉光+防霉水性水泥漆 =>(裝修範圍:RC牆+磚牆)

主尺寸:

邊段: 1

+ [小段:1-(樑底(平交)-樑側,樑底計入平頂)-G1] 0.810\*(3.60-0.60)-[窗:W2]0.8\*1.5+[收邊](0.8+1.5)\*2\*0.05-[窗:W3]0.8\*1.5+[收邊](0.8+1.5)\*2\*0.05 = 0.490 m2

邊段: 2

+ [小段:1-(柱邊牆樑底)-G1] 0.100\*(3.60-0.60)+ [小段:2-(柱邊牆版底)-S4] 0.200\*(3.60-0.12) = 0.996 m2

邊段: 3

+ [小段:1-(柱邊牆版底)-S4] 0.369\*(3.60-0.12)+ [小段:2-(柱邊牆樑底)-B1] 0.106\*(3.60-0.60) = 1.602 m2

邊段: 4

+ [小段:1-(柱邊牆透空)] 0.019\*3.60+ [小段:2-(樑底(平交)-樑側,樑底計入平頂)-B1] 4.402\*(3.60-0.60)-[窗:W1]2\*1.5+[收邊](2+1.5)\*2\*0.05 = 10.624 m2

邊段: 5

+ [小段:1-(柱邊牆樑底)-B1] 0.108\*(3.60-0.60)+ [小段:2-(柱邊牆透空)] 0.176\*3.60+ [小段:3-(柱邊牆樑底)-G2] 0.002\*(3.60-0.60) = 0.964 m2

邊段: 6

+ [小段:1-(空牆段)] 0.000\*0+ [小段:2-(柱邊牆樑底)-G2] 0.300\*(3.60-0.60)+ [小段:3-(柱邊牆透空)] 0.000\*3.60 = 0.900 m2

邊段: 7

+ [小段:1-(樑底(平交)-樑側,樑底計入平頂)-G2] 3.580\*(3.60-0.60)+ [小段:2-(透空)] 0.002\*3.60-[門:D3]0.8\*2.1+[收邊](0.8+2.1\*2)\*0.05 = 9.317 m2

邊段: 8

+ [小段:1-(柱邊牆透空)] 0.000\*3.60+ [小段:2-(柱邊牆樑底)-G2] 0.300\*(3.60-0.60)+ [小段:3-(空牆段)] 0.000\*0 = 0.900 m2

邊段: 9

+ [小段:1-(柱邊牆透空)] 0.198\*3.60+ [小段:2-(柱邊牆樑底)-B6] 0.103\*(3.60-0.60) = 1.022 m2

邊段: 10

+ [小段:1-(透空)] 0.000\*3.60+ [小段:2-(樑底(平交)-樑側,樑底計入平頂)-B6] 1.916\*(3.60-0.60) = 5.748 m2

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邊段: 11

$$+[小段:1-(樑底(割交))-B6] 0.103*(3.60-0.60)+[小段:2-(版底)-S4] 1.219*(3.60-0.20) = 4.454 \text{ m}^2$$

邊段: 12

$$+[小段:1-(版底)-S4] 2.420*(3.60-0.20)+[小段:2-(樑底(割交))-G1] 0.100*(3.60-0.60)-[門:D4]0.8*2.1+[收邊] \\ (0.8+2.1*2)*0.05 = 7.098 \text{ m}^2$$

以上邊段小計: = 44.11 m<sup>2</sup>

以上小計: +44.11 = 44.11 m<sup>2</sup>

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踢腳計算:

踢腳材料:(1) 踢腳 B1 H=10CM油漆踢腳

主尺寸:

$$+[牆段-1]0.81+[牆段-2]0.30+[牆段-3]0.48+[牆段-4]4.42+[牆段-5]0.29+[牆段-6]0.30+[牆段-7]3.58+[牆段-8]0.30+[牆段-9] \\ 0.30+[牆段-10]1.92+[牆段-11]1.32+[牆段-12]2.52 = 16.540 \text{ m}$$

門窗(扣):

$$-[W3]0.8 = -0.800 \text{ m}$$

$$\text{以上小計: } +16.54-0.80 = 15.74 \text{ m}$$

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